

13000 GeV pp

Underlying Event

 $\# \langle \{ \text{mean} \} p_T \# \rangle \text{ [GeV]}$

Mean average transverse momentum, towards region

- ATLAS
- ▲ Pythia 8.230 default
- ▼ Pythia 8.230 tune-AU2
- ◆ Pythia 8.230 tune-AU2lox
- Pythia 8.230 tune-AU2lox
- ★ Pythia 8.230 tune-AU2m

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_T^{\text{lead}} \text{ [GeV]}$

0 10 20 30

0 2

0 1 2 3 4 5 6 7 8 9